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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number TBA/Divisional of 00/160,340
Filing Date October 19, 2001
First Named Inventor Briggs et al.
Prior Group Art Unit 4641 1045
Prior Examiner Name Graser, J.
Attorney Docket Number 00295.00008

10000 U.S. PTO
09/982232



U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Rk	J	5,422,110		Potter et al.	June 6, 1995	
		5,733,780		Briggs et al.	March 31, 1998	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
Rk	J	WO	97 16531		Common- wealth Scientific and Industrial Research Organisation	05-09-1997		
		WIPO	97/41823	A		11-13-1997		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Rk	J	George L. Murphy et al., "Hemolytic Activity of the <i>Pasteurella haemolytica</i> Leukotoxin" <i>Infection and Immunity</i> , Vol. 63, August 1995, pp. 3209-3212	
		Natalie D. Federova & Sarah K. Highlander "Generation of Targeted Nonpolar Gene Insertions and Operon Fusions in <i>Pasteurella haemolytica</i> and Creation of a Strain that Produces and Secretes Inactive Leukotoxin" <i>Infection and Immunity</i> , July 1997, pp. 2593-2598	
		Fred M. Tatum et al. "Construction of an isogenic leukotoxin deletion mutation of <i>Pasteurella haemolytica</i> serotype 1: characterization and virulence" <i>Microbial Pathogenesis</i> 1998; 24:37-46	
		Robert E. Briggs et al., "Development and testing of a unique strain of <i>Pasteurella haemolytica</i> to use in studies on colonization of the respiratory tract of cattle" <i>AJVR</i> , Vol. 59, No. 4, April 1998	
		Robert E. Briggs et al., "Rapid spread of a unique strain of <i>Pasteurella haemolytica</i> serotype 1 among transported calves" <i>AJVR</i> , Vol. 59, No. 4, April 1998	
		Glynn H. Frank et al., "Colonization of the tonsils and nasopharynx of calves by a rifampicin-resistant <i>Pasteurella haemolytica</i> and its inhibition by vaccination" <i>Am J Vet Res.</i> , Vol. 56, No. 7, July 1995	
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Examiner
Signature

Robert E. Briggs

Date
Considered

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Name	Graser, J.
Attorney Docket Number	000295.00008

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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cc [Handwritten signature]		Glynn H. Frank, "Infection of the middle nasal meatus of calves with <i>Pasteurella haemolytica</i> serotype 1" <u>Am J Vet Res.</u> Vol. 50, No. 8, August 1989	
		David C. Straus et al., "In Vivo Production of Neuraminidase by <i>Pasteurella haemolytica</i> in Market Stressed Cattle After Natural Infection", <u>Current Microbiology</u> , Vol. 37 (1998), pp. 1240-244	
		Glynn H. Frank et al, "Respiratory tract disease and mucosal colonization by <i>Pasteurella haemolytica</i> in transported cattle", <u>AJVR</u> , Vol. 57, No. 9, September 1996, pp. 1317-1320	
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		Beaumont et al., "Identification and Characterization of <i>alcR</i> , a Gene Encoding an AraC-Like Regulator of Alcaligin Bacteriology, February 1988, Vol. 180, No. 4, pp. 862-870	
		Link et al., "Methods for Generating Precise Deletions and Insertions in the Genome of Wild-Type <i>Escherichia coli</i> : Application to Open Reading Frame Characterization" <u>Journal of Bacteriology</u> , October 1997, Vol. 179, No. 20, pp. 628-6237	
		Cotter and Miller "BvgAS-Mediated Signal Transduction: Analysis of Phase-Locked Regulatory Mutants of <i>Bordetella bronchiseptica</i> in a Rabbit Model", <u>Infection and Immunity</u> , August 1994, Vol. 62, No. 8, pp. 3381-3390	
		Hamilton et al., "New Method for Generating Deletions and Gene Replacements in <i>Escherichia coli</i> ", <u>Journal of Bacteriology</u> , September 1989, Vol. 171, No. 9, pp. 4617-4622	
		Cruz W.T., et al., "Deletion analysis resolves cell-binding and lytic domains of the <i>Pasteurella</i> leukotoxin" <u>Molecular Microbiology</u> , Vol. 4, No. 11, November 1990, pp. 1933-1939	
		Petrus S.F. et al., "Antigenic and virulence properties of <i>Pasteurella haemolytica</i> leukotoxin mutants", <u>Infection and Immunity</u> , Vol. 63, No. 5, March 1995, pp. 1033-1039	

Examiner Signature

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Date Considered

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